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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	§	Docket No.:	2001-0110/24061.465
Chun-Chieh Lin, et al.	§		
	§	Customer No.	42717
Serial No.: 10/802564	§		
	§	Group Art Unit:	2814
Filed: March 17, 2004	§		
	§	Examiner:	Hoai V. Pham
For: Method of Forming Dram Capacitors	§		
with Protected Outside Crown	§	Conf. No.:	3511
Surface for More Robust Structures	§		

TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified patent application.

1. Revocation/New Power of Attorney by Assignee of Entire Interest
Including Certification for Taking Action by Assignee Under 37 CFR 3.73(b); and
2. Return Receipt Postcard

Applicant believes no fee is due. However, the Director is authorized to charge any deficiency fees or credit any overpayments to Deposit Account No. 08-1394 of Haynes and Boone, LLP.

Respectfully submitted,

David M. O'Dell
Reg. No. 42,044

Date: 8-30-04

HAYNES AND BOONE, LLP
901 Main Street, Suite 3100
Dallas, Texas 75202-3789
Telephone: 972-739-8635
Facsimile: 214-200-0853

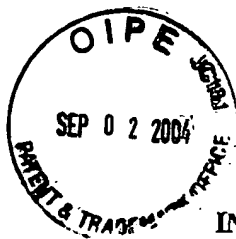
Customer Number: 42717

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below:

Bonnie Boyle
Name

8-30-04
Date



Docket No. 2002-0110 / 24061.465

Customer No.: 42717

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Chun-Chieh Lin, et al.	§	Examiner:	Hoai V. Pham
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	with Protected Outside Crown	§		
	Surface for More Robust Structures	§		

**REVOCATION/NEW POWER OF ATTORNEY BY ASSIGNEE
OF ENTIRE INTEREST INCLUDING CERTIFICATION FOR
TAKING ACTION BY ASSIGNEE UNDER 37 CFR 3.73(b)**

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The below-named assignee hereby revokes all powers of attorney previously given and hereby appoints the following attorneys to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

Practitioners associated with the Customer Number

42717

Please change the correspondence address to the address associated with the above-mentioned Customer Number.

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventors of the above-identified patent application to the above-identified assignee as shown below:

Assignment from inventors to Taiwan Semiconductor Manufacturing Company
mailed on March 17, 2003, a copy of which is enclosed..

The undersigned has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of the undersigned's knowledge and belief, title is in the above-identified assignee. The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

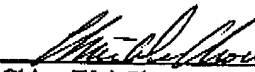
Docket No. 2002-0110 / 24061.465

Customer No.: 42717

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true; and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Executed the _____ day of _____, 2004.

Taiwan Semiconductor Manufacturing Company, Ltd.



Chien Wei Chou
Director, IP Division

HAYNES AND BOONE, LLP
901 Main Street, Suite 3100
Dallas, TX 75202
Phone: 972-739-8635
Fax: 214-200-0853

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.	
Name	Bonnie Boye
Date	8-26-04

TS02-110

For ☒ U.S. and/or ☒ Foreign Rights

For ☒ Application or ☐ U.S. Patent

By ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

CHUN-CHIEH LIN

Type or print name of ASSIGNOR

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Nationality Taiwan, Republic of China

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No. 8, Li-Hsin Rd. 6

Science Based Industrial Park

Hsin-Chu Taiwan 300-77

R.O.C.

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided _____ percent (____%) interest for the United States and its territorial possessions
(check the following box if foreign rights are also to be assigned)

☒ and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:

A Method Of Forming Dram Capacitors With Protected Outside Crown Surface For More Robust

TS02-110

For ☒ U.S. and/or ☒ Foreign Rights

For ☒ Application or ☐ U.S. Patent

By ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

CHIA-HUI LIN

Type or print name of ASSIGNOR

No. 9, Alley 52, Lane 162,

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Kao-Tsui Rd., Tainan - Chu,

Taiwan R.O.C., Republic of

Nationality

China

CHANMING HU

Type or print name of ASSIGNOR

260 Pebble Drive, Menlo, CA, 94027

Address

U.S.A.

USA

Nationality

do hereby sell, assign and transfer to

ASSIGNEE:

Taiwan Semiconductor Manufacturing Co.

No. 8, Li-Hsin Rd. 6

Science Based Industrial Park

Hsin-Chu Taiwan 300-77

R.O.C.

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

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in and to any and all improvements which are disclosed in the invention entitled:

A Method Of Forming Dram Capacitors With Protected Outside Crown Surface For More Robust Structures

and which is found in

(a) ☐ U.S. patent application executed on even date herewith

(b) ☒ U.S. patent application executed on 2/4/04 & 2/16/04

- (c) ☐ U.S. application serial no. _____ filed on _____
(d) ☐ U.S. patent no. _____ issued _____
(also check (e) if foreign application(s) is also being assigned)
(e) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any Interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I / We have signed this

2.16.2004 (Date of signing)

WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Chun-chieh Lin
Signature of ASSIGNOR(S)
Lin-Li Chao
Fook-ang Ip
Chia Shing Tsai

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

Title

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.

___ Notarization or Legalization Page Added.

Structures

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith
- (b) ☒ U.S. patent application executed on 2/4/04 & 2/16/04
- (c) ☐ U.S. application serial no. _____ filed on _____
- (d) ☐ U.S. patent no. _____ issued _____
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IN WITNESS WHEREOF, I / We have signed this

2.16.2004

(Date of signing)

WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Chia-Hui Lin
Signature of ASSIGNOR(S)
[Signature]

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

Title

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.

Notarization or Legalization Page Added.